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DEPARTMENT OF NATURAL RESOURCES

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Division of Oil, Gas and Mining

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Inspection Report Minerals Regulatory Program April 12, 2010

Reviewed: 

Mine Name: Italian Tan	Permit Number: S/007/0038
Operator Name: Quality Building Stone	Inspection Date: 03/24/2010
Inspector(s): Brett Gregory for Wayne Western	Time: 11:00 am
Other Participants: None	Mine Status: Active

Elements of Inspection	Evaluated	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Public Safety (shafts, adits, trash, signs, highwalls)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages / Erosion Control	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Deleterious Material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Roads (maintenance, surfacing, dust control, safety)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Concurrent Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Backfilling/Grading (trenches, pits, roads, highwalls, shafts, drill holes)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Water Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Soils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Revegetation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Air Quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Bond Amount: \$12,500

Permit fee: Current

Purpose of Inspection:

The operator asked for an inspection to release the bond. At the time a full inspection was not intended nor planned for without the presence of the landowner and mine operator.

Inspection Summary:

The site appeared stable. Only two issues were noteworthy:

- 3) All road disturbances should have erosion control and post-mining land use maintenance.
- 10) Non-designated road disturbances and some small mining areas need to meet 70% revegetation standards. An approved seed mix should be determined by the Division and implemented by the mine operator.

(Photographs attached)

Conclusions and Recommendations:

The landowner must assume in writing full responsibility for the non-reclaimed road before the bond can be released to the operator. Additional measures should also be taken by the operator to control the erosion found on site (i.e. installation of water bars, silt fences, berms, trenches, etc.). I would further recommend the entire road be seeded with the other disturbed areas in order to help stop the formation of rills and road ruts.

The operator should establish an additional inspection to take place with the landowner and lead inspector present. Reclamation details need to be established on site with all parties involved before bond release considerations can be made.

Inspector's Signature

BG; whw, ppb, vs

cc: Quality Building Stone, Inc.

Enc. Seed-mix recommendation

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Hilltop switchback in road.



The road disturbance on the left should be reclaimed.



Road erosion is needing maintenance.



View of permitted disturbance on north face.



Disturbance with pockets of minor vegetation.



Road disturbance to the south.



Road disturbance to the south.



Road disturbance to the south.

Recommended Revegetation Species List
for

Italian Tan Quarry
S/007/0038

<u>Common Name</u>	<u>Species Name</u>	<u>*Rate lbs/ac (PLS)</u>
Hycrest crested wheatgrass	<u>Agropyron cristatum</u>	0.5
Basin Wildrye	<u>Elymus cinereus</u>	2.0
Luna pubescent wheatgrass	<u>Agropyron tricophorum</u>	2.0
Boizoisky russian wildrye	<u>Elymus junceus</u>	1.5
Indian ricegrass	<u>Oryzopsis hymenoides</u>	2.0
Ladak alfalfa	<u>Medicago sativa</u>	1.0
Yellow Sweetclover	<u>Melilotus officinalis</u>	0.5
Palmer penstemon	<u>Penstemon palmerii</u>	0.75
Wyoming big sagebrush	<u>Artemisia tridentate wyomingensis</u>	0.1
4-wing saltbush	<u>Atriplex canescens</u>	2.0
Rubber Rabbitbrush	<u>Chrysothamnus nauseosus</u>	0.5
Forage Kochia	<u>Kochia prostrata</u>	0.75
Total Seed		13.6 lbs/ac

* Rate is recommended for broadcast seeding.